LISTING OF CLAIMS:

1-8(Cancelled).

9(New). A multi-layered cylinder head seal with a spacing layer that has openings corresponding to the umber of combustion chambers taking cylinder bushings in a combustion engine, in the area of which a combustion chamber edging containing a soft iron ring is located and in the areas at least partially limiting elements are provided, where the spacing layer is in functional contact with functional layers that have several selectable distances from both the associated combustion chamber edging as well as the associated limiting element and that are provide with sumps.

10(New). The cylinder head seal per claim 9, characterized in that the functional layers are provided with half sumps.

11(New). The cylinder head seal per claim 9, characterize in that at least one function layer is positioned in the area of each frontal surface of the spacing layer.

12(New). The cylinder head seal per claim 10, characterize in that at least one function layer is positioned in the area of each frontal surface of the spacing layer.

13(New). The cylinder head seal of claim 9, characterized in that two functional layers are positioned in the area of each frontal surface of the spacing layer, whose half sumps are provided in selectable areas touching each other, and in other selectable areas at a distance from each other.

14(New). The cylinder head seal of claim 10, characterized in that two functional layers are positioned in the area of each frontal surface of the spacing layer, whose half sumps are provided in selectable areas touching each other, and in other selectable areas at a distance from each other.

15(New). The cylinder head seal of claim 11, characterized in that two functional layers are positioned in the area of each frontal surface of the spacing layer, whose half sumps are provided in selectable areas touching each other, and in other selectable areas at a distance from each other.

16(New). The cylinder head seal of claim 12, characterized in that two functional layers are positioned in the area of each frontal surface of the spacing layer, whose half sumps are provided in selectable areas touching each other, and in other selectable areas at a distance from each other.

17(New). The cylinder head seal of claim 9, characterized in the half sumps are made open toward to the limiting elements.

18(New). The cylinder head seal of claim 10, characterized in the half sumps are made open toward to the limiting elements.

19(New). The cylinder head seal of claim 11, characterized in the half sumps are made open toward to the limiting elements.

20(New). The cylinder head seal of claim 12, characterized in the half sumps are made open toward to the limiting elements.

21(New). The cylinder head seal of claim 13, characterized in the half sumps are made open toward to the limiting elements.

22(New). The cylinder head seal of claim 14, characterized in the half sumps are made open toward to the limiting elements.

23(New). The cylinder head seal of claim 15, characterized in the half sumps are made open toward to the limiting elements.

24(New). The cylinder head seal of claim 9, characterized in that the associated combustion chamber edging is made of two sheet metal elements, where the inner sheet metal element accepts the soft iron ring and both sheet metal elements are joined all around the spacing layer.

25(New). The cylinder head seal of claim 9, characterized in that the combustion edging is movable relative to the spacing layer and is provided decoupled from both the spacing layer as well as the functional layers in the area of each opening.

26(New). The cylinder head seal of claim 9, characterized in that the functional layers are firmly connected to the spacing layer.